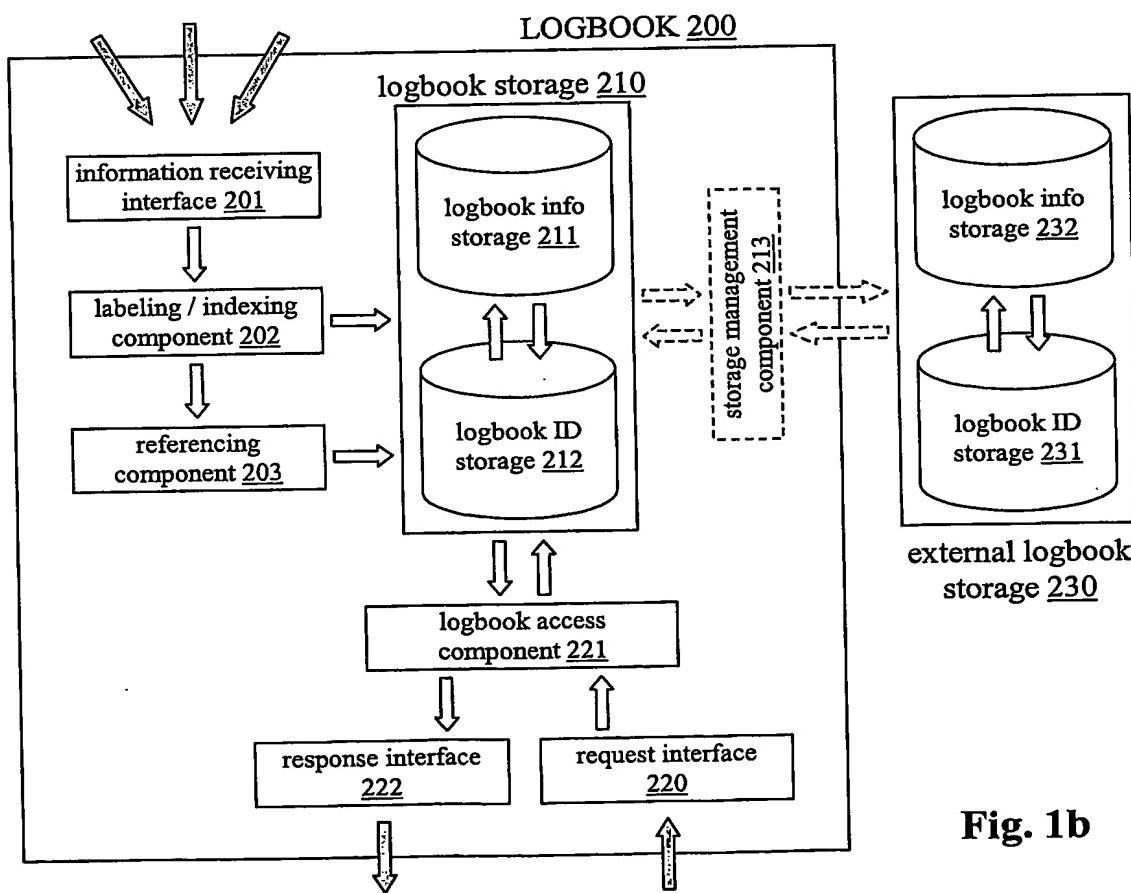
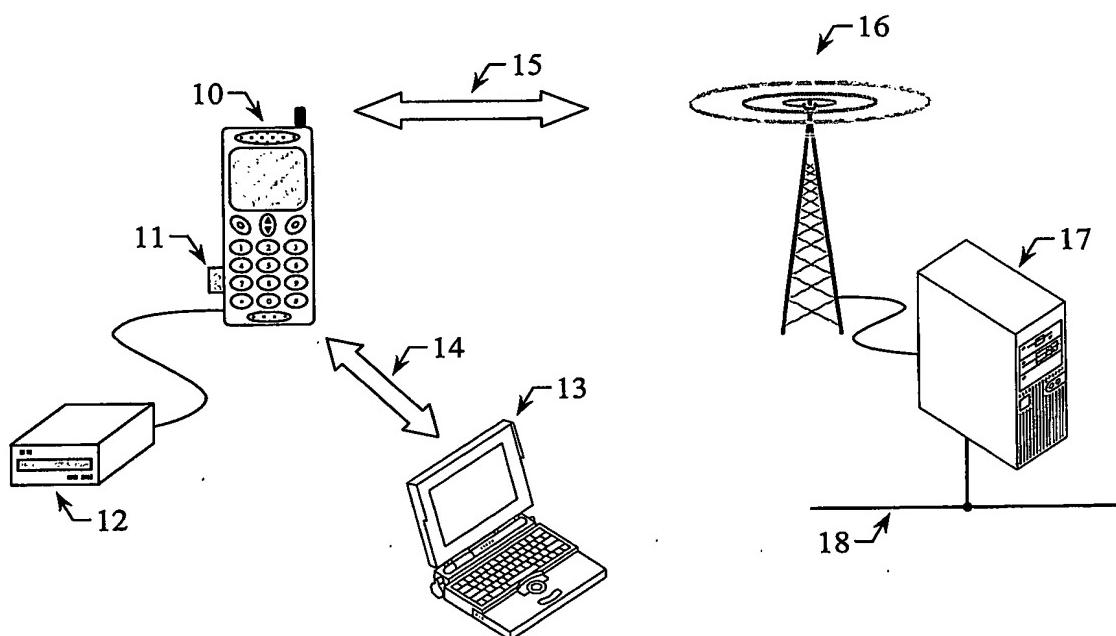
**Fig. 1a****Fig. 1b**



**Fig. 1c**

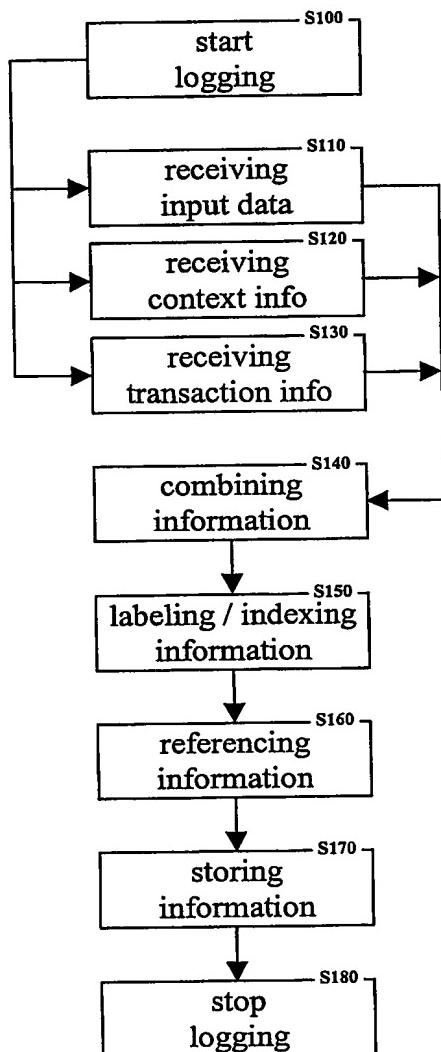


Fig. 2a

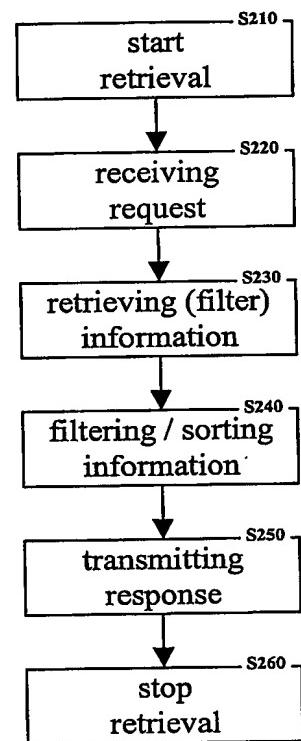


Fig. 2b

Calendar Entry #i		Calendar Entry #j	
Date:	<i>Friday; December 6<sup>th</sup>, 2002</i>	Date:	<i>Friday; December 6<sup>th</sup>, 2002</i>
Time:	<i>18:00 - 19:00 (scheduled)</i>	Time:	<i>19:10 - 19:25 (scheduled)</i>
Who:	<i>Santa Claus, Rudy "Rednose" Reindeer</i>	Who:	<i>Jane (my wife)</i>
Where:	<i>near north pole</i>	Where:	<i>Telephone Conference</i>
Type:	<i>Meeting</i>	Type:	<i>high</i>
Importance:	<i>high</i>	Importance:	<i>CONFIDENTIAL !</i>
notes:	<i>Main topic: X-mas gifts for sun Don't forget gift.list !</i>	notes:	<i>Conclusions of the meeting with Santa Claus</i>

Fig. 3a

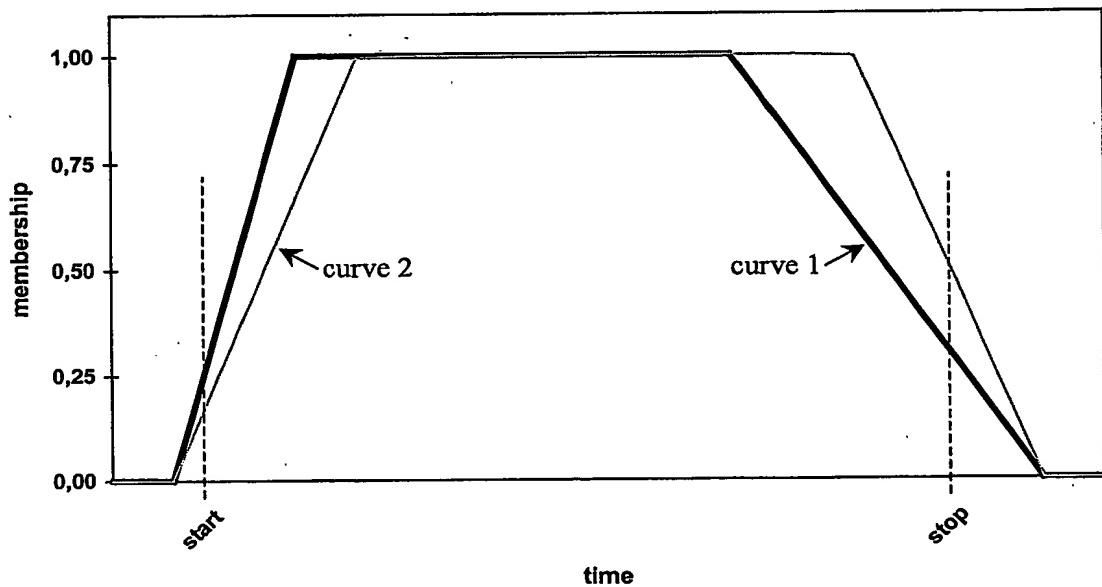


Fig. 3b

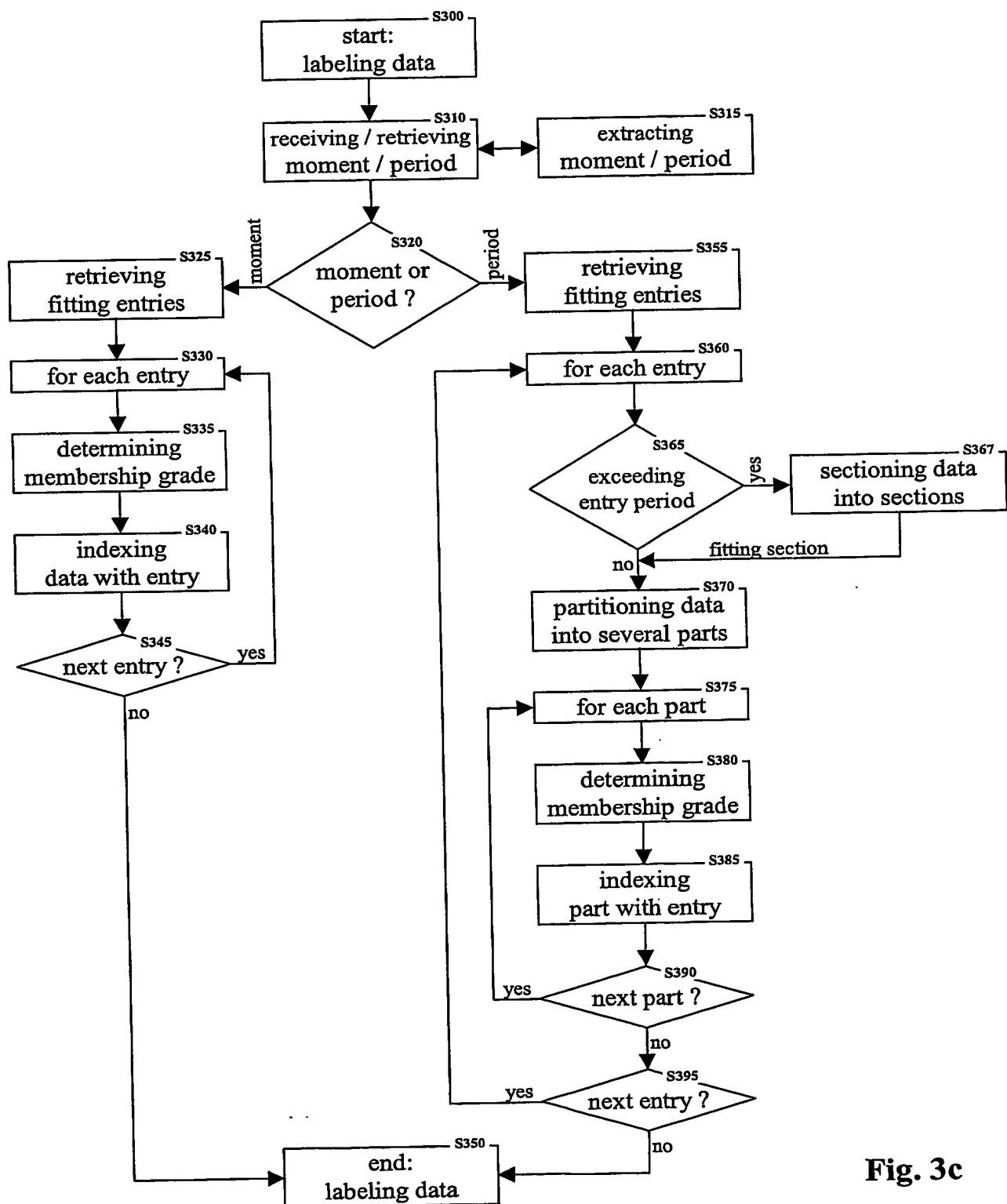


Fig. 3c

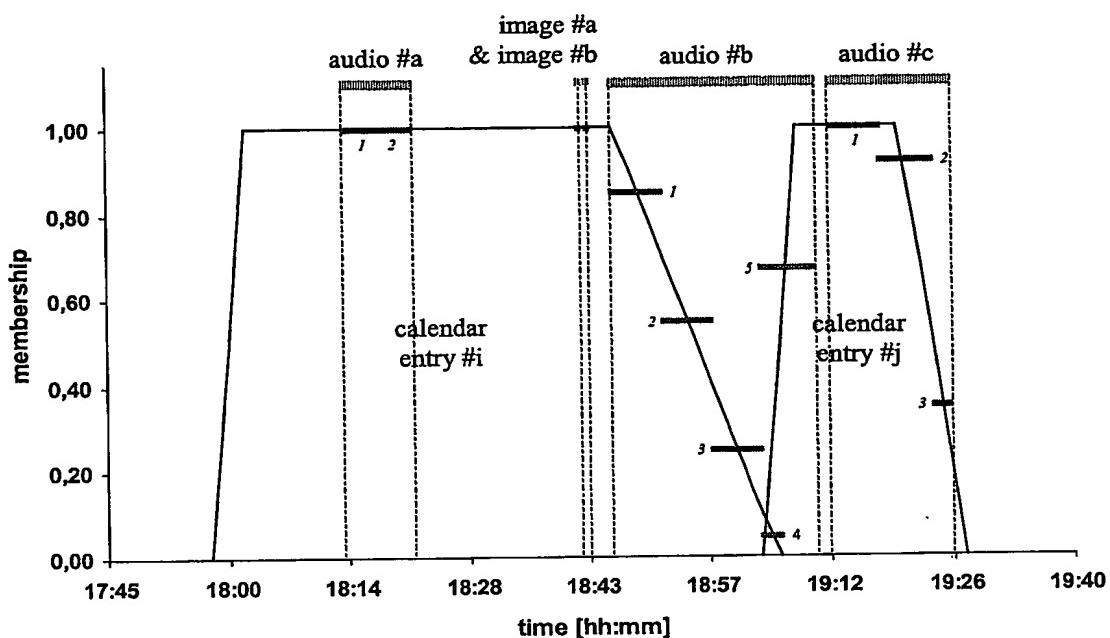


Fig. 3d

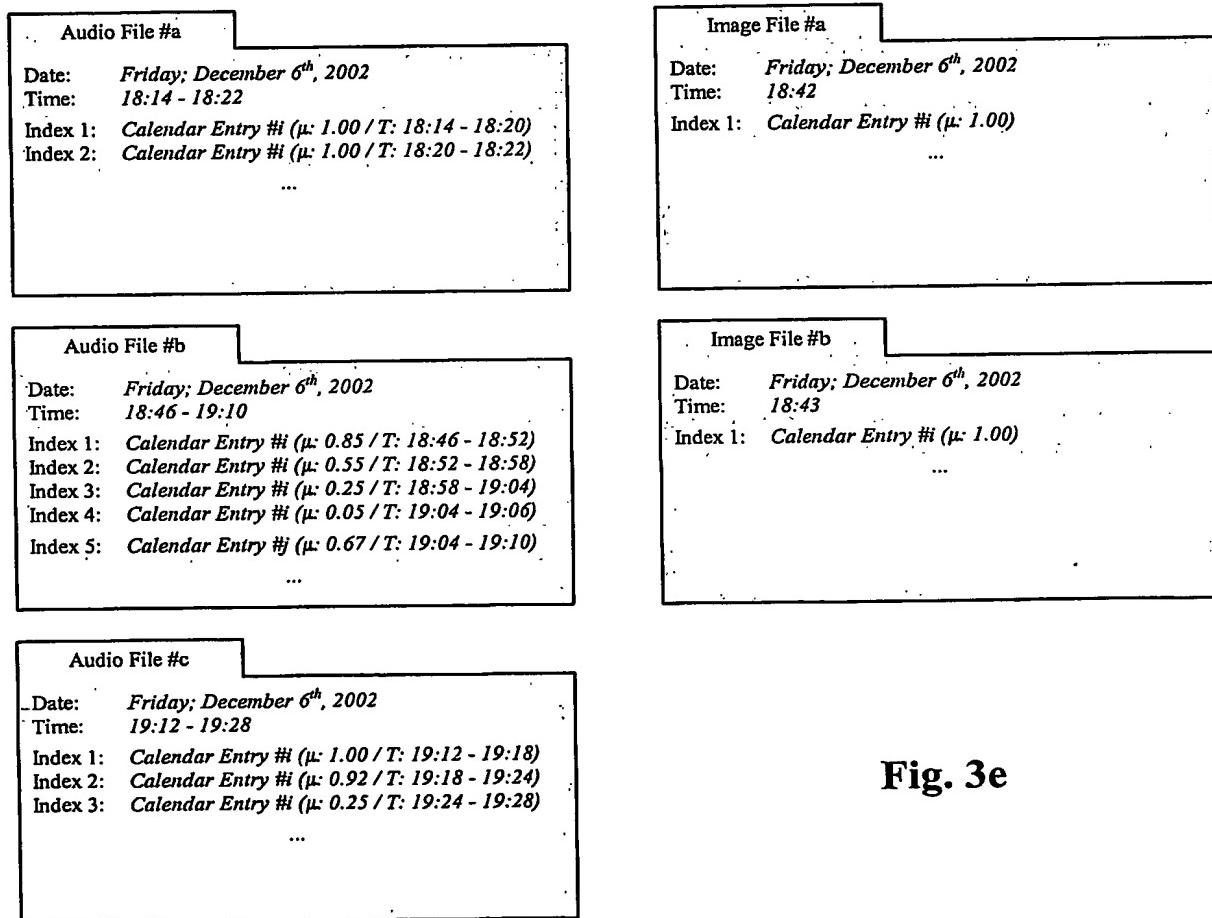
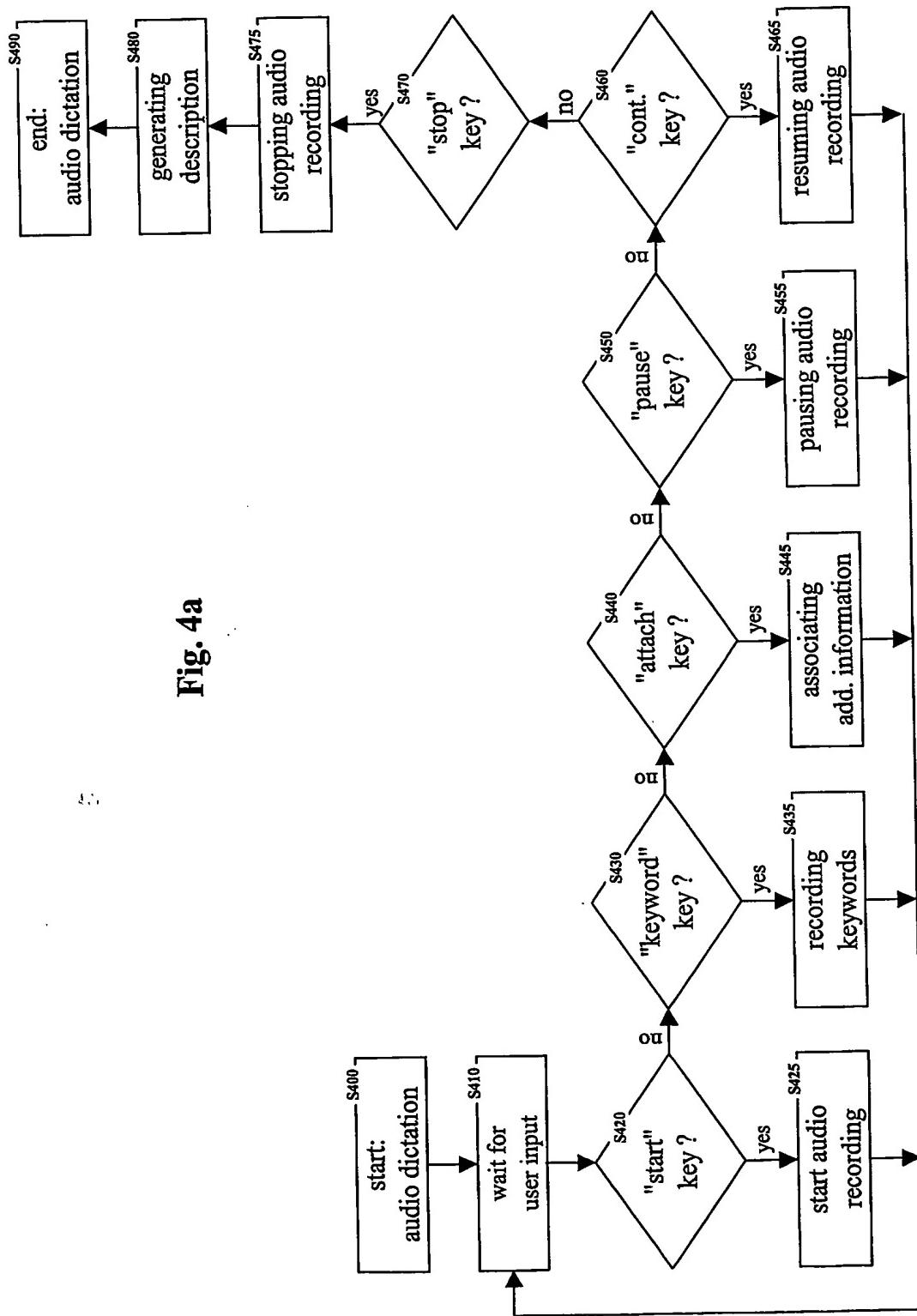


Fig. 3e



#	user operation	terminal operation
1	pushing "start" key	storing: TIME1, IMEI, location, other data; initiating: recording audio data to storage device (AUDIO1)
2	dictating audio information	recording: audio data to storage device (AUDIO1)
3	pushing and holding "keyword" key	initiating: recording audio data to memory (KEYWORD_AUDIO1); storing: TIME2; <i>continuing:</i> recording audio data to storage device (AUDIO1)
4	dictating keywords	recording: audio data to memory (KEYWORD_AUDIO1) <i>continuing:</i> recording audio data to storage device (AUDIO1)
5	releasing "keyword" key	stopping: recording audio data to memory (KEYWORD_AUDIO1); <i>continuing:</i> recording audio data to storage device (AUDIO1)
6	dictating audio information	<i>continuing:</i> recording audio data to storage device (AUDIO1)
7	pushing "pause" key	pausing: recording audio data to storage device (AUDIO1); storing: TIME3
8	taking image & pushing "attach" key	attaching: image to audio data (AUDIO1) storing: picture to memory (IMAGE1)
9	pushing "continue" key	storing: TIME4; resuming: recording audio data to storage device (AUDIO1)
10	dictating audio information	<i>continuing:</i> recording audio data to storage device (AUDIO1)
11	pushing "stop" key	stopping: recording audio data to storage device (AUDIO1); storing: TIME5 storing to storage device: IMAGE1, KEYWORD_AUDIO1; generating: description information (DICTATION1)

Fig. 4b

<pre> 1: &lt;ID: Storage ID&gt; 2: &lt;ID: device ID&gt; 3: &lt;ID: start time&gt; 4: 5: &lt;BEGIN&gt; 6:   Start time: TIME1 7:   Stop time: TIME5 8: 9:   Link to AUDIO1 10: 11:  &lt;#keywords&gt; 12:    TIME2 13:    Link to KEYWORDS_AUDIO1 14: 15:      M </pre>	<pre> 16:  &lt;#pauses&gt; 17:    TIME3 18:    TIME4 19: 20:  &lt;#embedded objects&gt; 21:    TIME3 22:    Link to IMAGE1 23: 24:  &lt;#location information&gt; 25:    location related data 26: 27:  &lt;#other information&gt; 28:    sensor related data 29: 30: &lt;END&gt; </pre>
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Fig. 4c

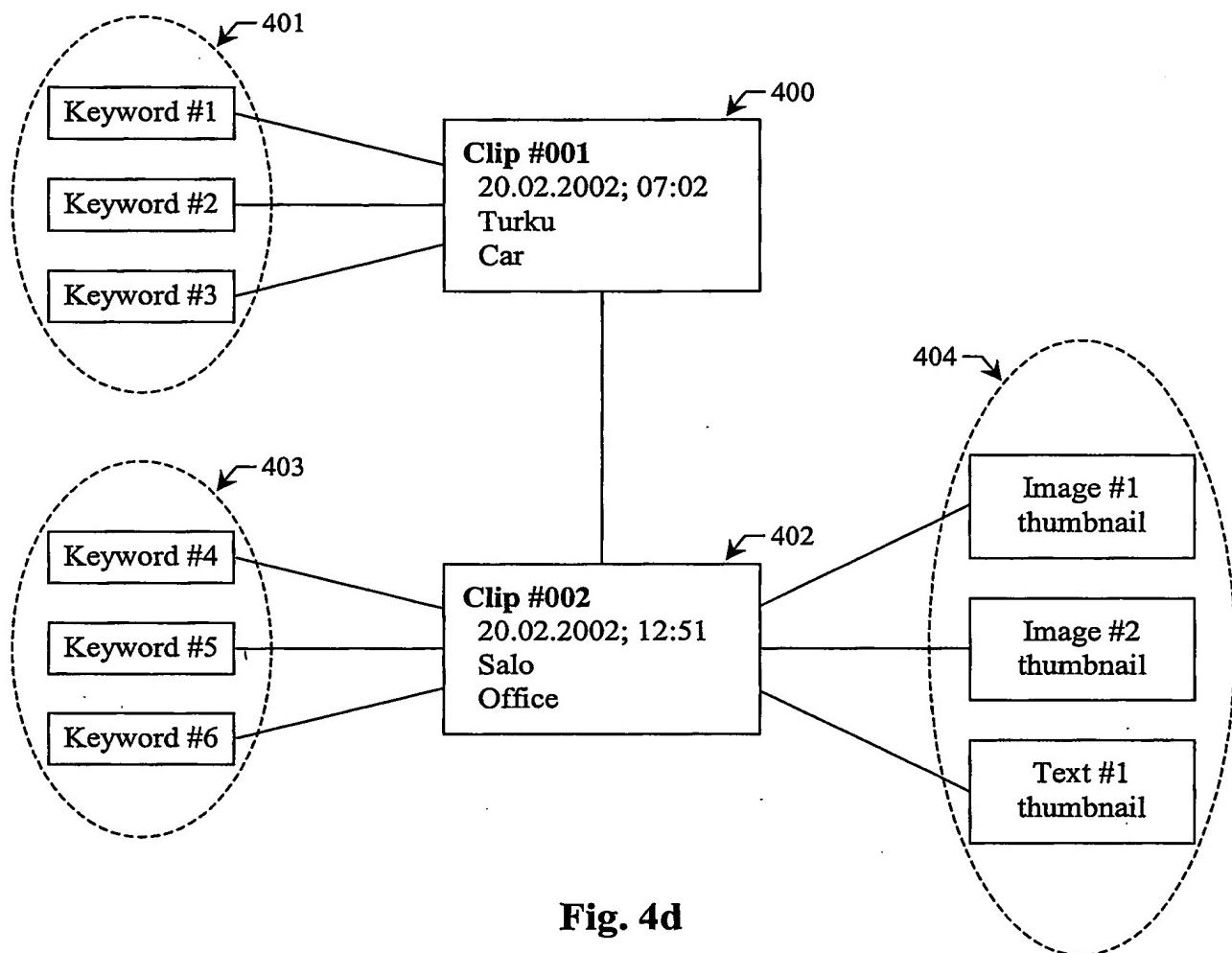
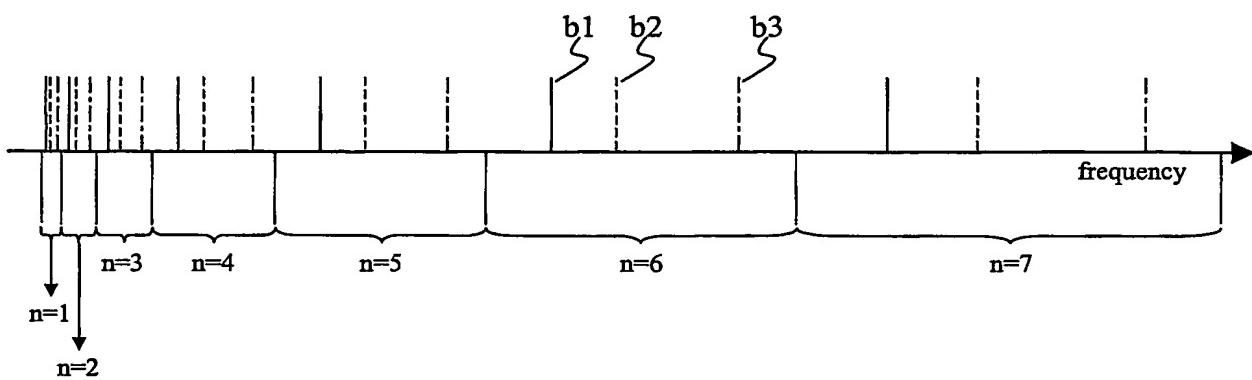
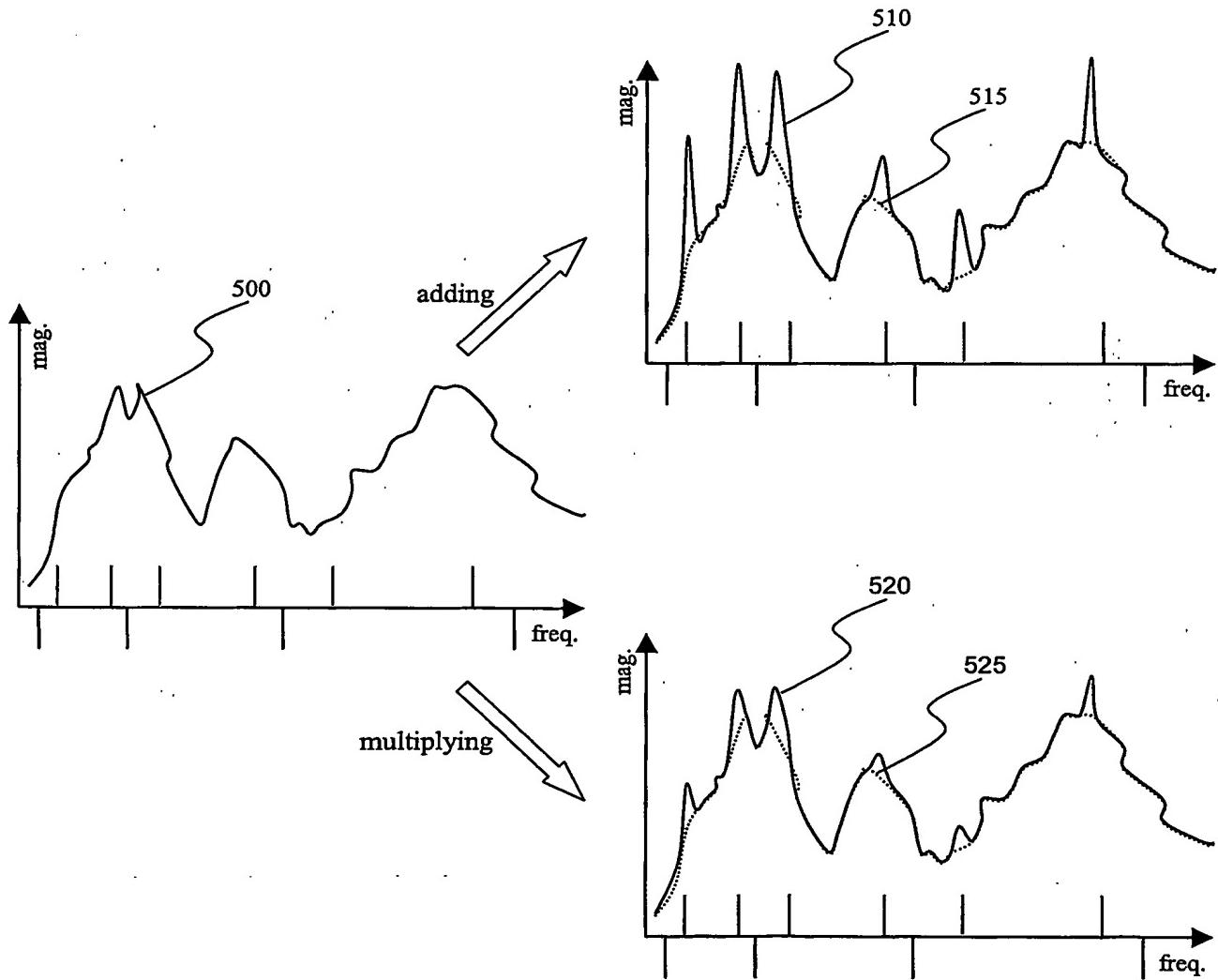


Fig. 4d

Clip	Date / Time	Place	Thumbprint	Keywords	Images
#001	20.02.2002 7:02	Turku / Car	-	<i>Link keyword #1</i> <i>Link keyword #2</i> <i>Link keyword #2</i>	-
#002	20.02.2002 12:51	Salo / Office	<i>Link text #1</i>	<i>Link keyword #4</i> <i>Link keyword #5</i> <i>Link keyword #6</i>	<i>Link img #1</i> <i>Link img #2</i>
M	M	M	M	M	M

Fig. 4e

**Fig. 5a****Fig. 5b**

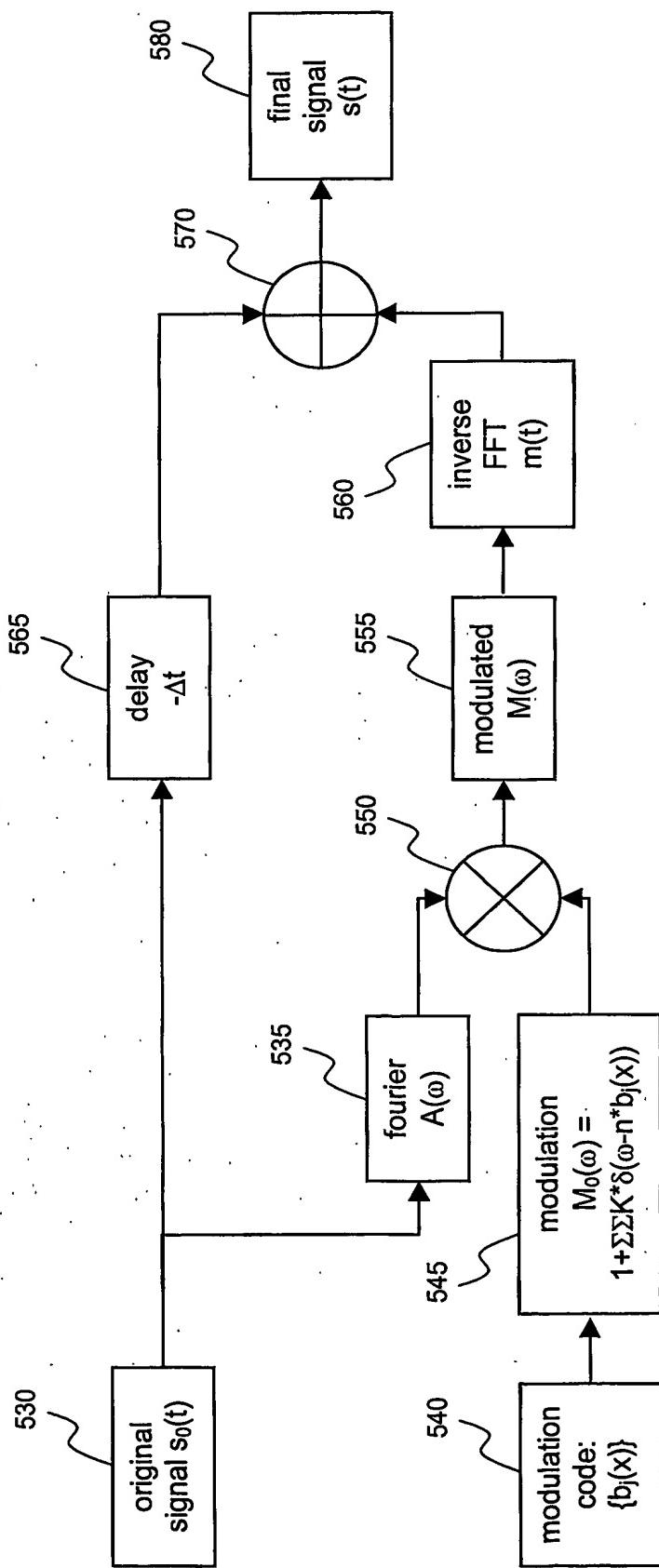


Fig. 5c

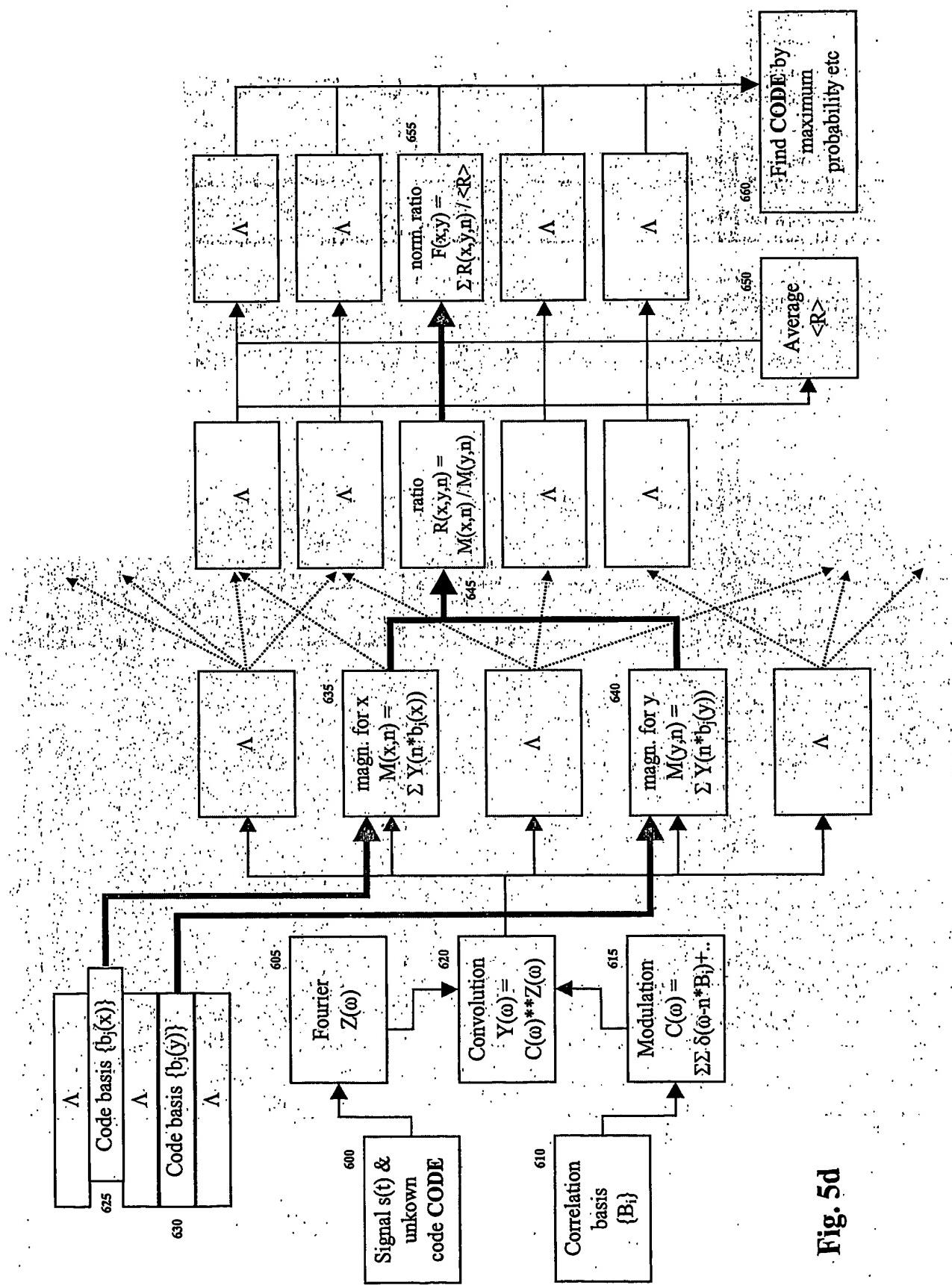


Fig. 5d